

In the Claims

44. (Amended) A method of forming a heparin monomer according to claim 43, wherein a hydroxyl terminated compound of the formula:



is reacted with carbonyldiimidazole to form an activated imidazolyl carbonate of the formula:



where R_5 and R_6 , which may be the same or different, are each selected from H and CH_3 ; and n is from 0 to 49, and the activated [imidazolyl] imidazolyl carbonate is coupled with heparin at a basic pH.

Please enter the following new claims:

--107. A heparin monomer according to Claim 43 wherein R_6 is H.

108. A heparin monomer according to Claim 43 wherein R_5 is CH_3 .

109. A heparin monomer according to Claim 43 wherein R_5 is CH_3 and R_6 is H.

110. A heparin monomer according to Claim 109 wherein n is 7.

111. A method according to Claim 44 wherein the said hydroxy terminated polyoxyalkylene is hydroxy polyethyleneglycol methacrylate, which is reacted with carbonyldiimidazole to form the activated imidazolyl carbonate:



112. A method according to Claim 111 wherein n is 7.—